Amendments to the Claims:

The following listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

Claims 1 to 10 (canceled).

Claim 11 (previously presented): A method for securely determining a position of an object moving along a known course, with respect to a distance run by the moving object, comprising steps of:

determining an absolute position of the object with a first confidence interval;

determining a relative position of the object with a second confidence interval;

selecting a smaller confidence interval among the first and second confidence intervals when the object is moving along the course, with respect to the distance run by the moving object;

determining the location and/or positioning of the object using the relative position while the second confidence interval is the smaller interval; and

determining the location and/or position of the object using the absolute position while the first confidence interval is the smaller confidence interval.

Claim 12 (previously presented): The method as recited in claim 11 wherein the object is a vehicle.

Claim 13 (previously presented): The method as recited in claim 12 wherein the vehicle is a train.

Claim 14 (previously presented): The method as recited in claim 11 wherein the step of determining the absolute position includes a railway-safe positioning method involving a digital mapping of possible trajectories and at least one satellite communication receiver.

Claim 15 (previously presented): The method as recited in claim 14 wherein the at least one satellite communication receiver is a GNSS receiver.

Claim 16 (previously presented): The method as recited in claim 11 wherein the step of determining a relative position includes detecting the presence of a beacon and integrating a speed of the object with reference to a location of the beacon.

Claim 17 (previously presented): The method as recited in claim 16 wherein the speed is calculated via a GNSS Doppler signal.

Claim 18 (previously presented): The method as recited in claim 11 wherein the first and second confidence intervals determine the position of the object with an error probability less than 10^{-9}.

Claim 19 (previously presented): The method as recited in claim 18 wherein the error probability is in the order of 10^{-12}.

Claim 20 (previously presented): The method as recited in claim 11 wherein the first confidence interval for the absolute position is in the order of 50 m.

Claims 21 to 30 (canceled).